



UNITED STATES DEPARTMENT OF EDUCATION
OFFICE OF LEGISLATION AND CONGRESSIONAL AFFAIRS

Reference Grant Award Number: #P031S200202
FLORIDA

MIAMI DADE COLLEGE HOMESTEAD CAMPUS has been selected to receive funding under the DEVELOPING HISPANIC-SERVING INSTITUTIONS PROGRAM (84.031S). This grant will be in the amount of \$590,227.00 for the first budget period (10/01/2020 through 09/30/2021). It is anticipated that the grant will be for a total of 5 year(s). Please see the attached abstract for a brief description of the activities that will be funded under this grant.

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Purpose of the Program DEVELOPING HISPANIC-SERVING INSTITUTIONS

The Hispanic-Serving Institutions (HSI) Program provides grants to assist HSIs to expand educational opportunities for, and improve the attainment of, Hispanic students. The HSI Program grants also enable HSIs to expand and enhance their academic offerings, program quality, and institutional stability.

PROJECT ABSTRACT

The Homestead Campus of Miami Dade College (MDC-HC) will implement the STEM-Wave project to enable successive waves of well-prepared science, technology, engineering, and mathematics (STEM) majors to complete an associate's degree in a timely fashion. The first wave will consist of high school students in the MDC-HC dual enrollment program who have expressed an interest in a STEM career. The second wave will consist of non-dual enrollment MDC-HC students in STEM pathways. For students in both waves, the project will provide a network of services that will enable them to advance to timely associate's degree completion.

STEM-Wave will provide a variety of career exploration activities for students in the partnering high schools and at MDC-HC; academic advisement, to ensure strong STEM preparation at the secondary and postsecondary levels; parent support groups, to facilitate postsecondary enrollment and success; and individualized coaching, peer-led team learning, research opportunities, and student success workshops and speakers, to promote academic success. The project will also provide professional development in integrated learning strategies and educational technology for all STEM faculty and advisors at MDC-HC.

Serving more than 6,732 students over the project period, STEM-Wave will (1) increase the enrollment of MDC-HC students in a STEM pathway, (2) increase the retention in college of dual enrollment students who choose a STEM pathway, (3) increase the placement test pass rate of dual enrollment students in a STEM pathway, (4) increase the number of students progressing to the advanced STEM courses required to complete an associate's degree program, (5) increase the number of students completing an associate's degree within 2.5 years, and (6) increase the number of dual enrollment students choosing a STEM career pathway.